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TAKIGUCHI et al., Dispersion Compensation Using a Planar Lightwave Circuit Optical Equalizer, Proc. IEEE Photonics Technology Lett, 6, No. 4, April 1994, pp 561-564.						
Zimgibl et al., Digitally Tunable Channel Dropping Filter/Equalizer Based on Weveguide Greting Router and Optical Amplifier Integration, IEEE Photnics Technology Letters, Vol. 6, No. 4, April 1994, pp. 1-3.						

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